GOVERNMENT OF INDIA
POWER
LOK SABHA

STARRED QUESTION NO:634
ANSWERED ON:09.05.2002
SELF-SUFFICIENCY IN POWER SECTOR
KINJARAPU YERRANNAIDU

Will the Minister of POWER be pleased to state:

(a) whether India is not technologically self-sufficient in power sector, specially in transmission; and

(b) if so, the steps taken by the Government in this regard?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA)

(a) & (b) : A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) & (b) OF STARRED QUESTION NO.634 TO BE ANSWERED IN THE L SABHA ON 09.05.2002 REGARDING SELF-SUFFICIENCY IN POWER SECTOR.

(a) & (b) : As far as the Transmission Technology is concerned, India is self sufficient to cater to the requirements. 400 KV AC networks (consisting of lines and substations) have been built and are being operated. For the transmission voltages 400 KV and below, the country is fully self sufficient in technological terms. In the 765 kV AC transmission systems, considerableindigenous expertise is available. In High Voltage Direct Current (HVDC) transmission at + 500 kV, though the systems (for bulk power transmission from point-to-point and for inter-regional connection through back-to-back mode) are in operation over a decade, indigenous development of components is very much limited.

Nevertheless, technology needs to be upgraded continuously to meet the growing requirement of demand and give the benefits of cost effectiveness, increased reliability, durability of equipments and higher availability of transmission system. To this effect, a continuous interaction with various leading manufacturers, utilities, consultants and academia is carried out by POWERGRID to keep abreast with the latest technological advancements, innovations, expertise and other techniques available in this field across the globe.